

RAW SEQUENCE LISTING
 PATENT APPLICATION US/09/498,046

DATE: 03/01/2000
 TIME: 16:18:13

Input Set: I498046 RAW

This Raw Listing contains the General Information
 Section and up to first 5 pages.

APR 24 2000

TECH CENTER 1600/2000

ENTERED

1 <110> APPLICANT: Neiryneck, Sabine
 2 Min Jou, Willy
 3 Fiers, Walter
 4 <120> TITLE OF INVENTION: Immunoprotective influenza antigen and its use in
 5 vaccination
 6 <130> FILE REFERENCE: VIB-08
 7 <140> CURRENT APPLICATION NUMBER: US/09/498,046
 8 <141> CURRENT FILING DATE: 2000-02-04
 9 <150> EARLIER APPLICATION NUMBER: PCT/EP98/05106
 10 <151> EARLIER FILING DATE: 1998-08-05
 11 <160> NUMBER OF SEQ ID NOS: 43
 12 <170> SOFTWARE: PatentIn Ver. 2.1
 13 <210> SEQ ID NO 1
 14 <211> LENGTH: 23
 15 <212> TYPE: PRT
 16 <213> ORGANISM: Influenza virus
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 19 1 5 10 15
 20 Arg Cys Asn Asp Ser Ser Asp
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 23 <211> LENGTH: 23
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Influenza virus
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 29 Arg Cys Asn Gly Ser Ser Asp
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 32 <211> LENGTH: 23
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Influenza virus
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 36 Ser Leu Leu Thr Glu Val Glu Thr Pro Thr Lys Asn Glu Trp Glu Cys
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 38 Arg Cys Asn Asp Ser Ser Asp
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 41 <211> LENGTH: 24
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:

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49 <211> LENGTH: 20
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
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55   caacaacgca cagaatctag
56 <210> SEQ ID NO 6
57 <211> LENGTH: 30
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
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63   gatccgtctc tgctgaccga agttgaaacc
64 <210> SEQ ID NO 7
65 <211> LENGTH: 26
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
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71   gcagagacga ctggcttcaa ctttgg
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74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
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79   cggttcaagt gatcatctcg c
80 <210> SEQ ID NO 9
81 <211> LENGTH: 69
82 <212> TYPE: DNA
83 <213> ORGANISM: Influenza virus
84 <400> SEQUENCE: 9
85   tctctgctga ccgaagttga aaccctatc agaaacgaat gggggtgcag atgcaacggt 60
86   tcaagtgat
87 <210> SEQ ID NO 10
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90 <213> ORGANISM: Influenza virus
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92   Ser Leu Leu Thr Glu Val Glu Thr Pro Ile Arg Asn Glu Trp Gly Cys
93   1             5             10             15
94   Arg Cys Asn Gly Ser Ser Asp

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139 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
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142 <400> SEQUENCE: 16
143      ggatccatat ccatggc 17
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155 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
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160 <210> SEQ ID NO 19
161 <211> LENGTH: 24
162 <212> TYPE: DNA
163 <213> ORGANISM: Influenza virus
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165 atgtctctgc tgaccgaagt tgaa 24
166 <210> SEQ ID NO 20
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168 <212> TYPE: PRT
169 <213> ORGANISM: Influenza virus
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171 Met Ser Leu Leu Thr Glu Val Glu
172 1 5
173 <210> SEQ ID NO 21
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175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence: amino terminus
179 of the fusion protein IPM2HBcm
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183 <210> SEQ ID NO 22
184 <211> LENGTH: 29
185 <212> TYPE: DNA
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187 <220> FEATURE:
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192 <211> LENGTH: 26
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence

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195 <220> FEATURE:
196 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
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200 <211> LENGTH: 27
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
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222     catgtcttta ttaaccgaag ttgaaaccc                                29
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229 <400> SEQUENCE: 27
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233 <212> TYPE: DNA
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240 <211> LENGTH: 30
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

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Please Note:

Please ensure that all subsequent artificial sequences have a suitable explanation in the <220> - <223> section.

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Line ? Error/Warning

Original Text
